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(PTO-1449)

ATTY. DOCKET NO.
Old: 114205.2402
New:
215101.02402

SERIAL NO.
09/955,174

APPLICANT
William G. KERR.

FILING DATE
September 19, 2001

GROUP
1614

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
J.3	6,090,621	18 Jul 2000	Kavanaugh et al.			
	4,603,112	29 Jul 1986	Paoletti et al.			
	4,769,330	6 Sep 1988	Paoletti et al.			
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						Yes	No
J.3	WO 97/10252A1	13 Sep 1996	Rohrschneider, L.R.				
	WO 97/12039A2	27 Sep 1996	Krystal, G.				
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EXAMINER	DATE CONSIDERED 12/7/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.
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PTO/SB/08A (08-03)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/955,174
Filing Date	September 19, 2001
First Named Inventor	William G. Kerr
Art Unit	1635
Examiner Name	Jane J. Zara
Attorney Docket Number	USF-T150CX

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
J3	U1	US-10/605,452	09-30-2003	Kerr et al. (patent application)	All
J3	U2	US-10/709,801	05-28-2004	Desponts et al. (patent application)	All
J3	U3	US-10/904,667	11-22-2004	Kerr et al. (patent application)	All
J3	U4	US-2002/0165192 A1	11-07-2002	Kerr et al.	All
	U5	US-			
	U6	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ - Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
	F1					
	F2					
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/955,174
Filing Date	September 19, 2001
First Named Inventor	William G. Kerr
Art Unit	1614 1635
Examiner Name	(not yet assigned)
Attorney Docket Number	USF-T150CX

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
[Signature]	U1	US-6,025,198	12-15-2000	Bennet et al.	throughout
	U2	US-			
	U3	US-			
	U4	US-			
	U5	US-			
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	U9	US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document Country Code 2 - Number 3 - Kind Code 4 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	09/955,174
Filing Date	September 19, 2001
First Named Inventor	William G. Kerr
Group Art Unit	1614
Examiner Name	(not yet assigned)
Attorney Docket Number	USF-T150CX

Sheet

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
93	R1	AKAGI, KIYAMU et al., Cre-mediated comatic site-specific recombination in mice, Nucleic Acids Research, 1997, 25(9):1768-1773, Oxford University Press.	
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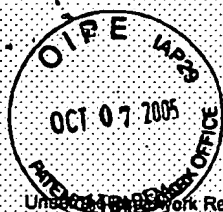
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			First Named Inventor	William G. Kerr	
			Art Unit	1635	
			Examiner Name	Jane J. Zara	
Sheet	1	of	2	Attorney Docket Number	USF-T150CX

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	U1	US-			
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		Country Code ³	Number ⁴ - Kind Code* (if known)			
	F1		WO 99/32619 A1	07-01-1999	Fire et al.	All
	F2					
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Group Art Unit	1635
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Attorney Docket Number	USF-T150CX

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS); title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JZ	R1	BONETTA, L. "RNAi: Silencing never sounded better" <i>Nature Methods</i> , 2004, 1(1):79-86.	
	R2	CAPLEN, N.J. <i>et al.</i> "Specific inhibition of gene expression by small double-stranded RNAs in invertebrate and vertebrate systems" <i>PNAS</i> , 2001, 98(17):9742-9747.	
	R3	ELBASHIR, S. <i>et al.</i> "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells" <i>Nature</i> , 2001, 411:494-498.	
	R4	ELBASHIR, S. <i>et al.</i> "RNA interference is mediated by 21- and 22-nucleotide RNAs" <i>Genes & Development</i> , 2001, 15:188-200.	
	R5	HARBORTH, J. <i>et al.</i> "Identification of essential genes in cultured mammalian cells using small interfering RNAs" <i>J. Cell Sci.</i> , Dec. 2001, 114(Pl 24):4557-4565.	
	R6	MONTGOMERY, M.K. <i>et al.</i> "RNA as a target of double-stranded RNA-mediated genetic interference in <i>Caenorhabditis elegans</i> " <i>Proc. Natl. Acad. Sci. USA</i> , 1998, 95:15502-15507.	
	R7	TUSCHL, T. <i>et al.</i> "RNA interference and small interfering RNAs" <i>ChemBiochem</i> , 2001, 2(4):239-245.	
	R8	TUSCHL, T. <i>et al.</i> "Targeted mRNA degradation by double-stranded RNA in vitro" <i>Genes & Development</i> , 1999, 13:3191-3197.	
	R9	SVOBODA, P. <i>et al.</i> "Selective reduction of dormant maternal mRNAs in mouse oocytes by RNA interference" <i>Development</i> , 2000, 127:4147-4156.	
	R10	ZAMORE, P. <i>et al.</i> "RNAi: double-stranded RNA directs the ATP-dependent cleavage of mRNA at 21 to 23 nucleotide intervals" <i>Cell</i> , 2000, 101:25-33.	
	R11	Office Action mailed 08/29/2005 in continuation-in-part U.S. Serial No. 10/097,101, filed March 14, 2002.	
	R12	Office Action mailed 08/09/2005 in U.S. Serial No. 10/605,452, filed September 30, 2003.	
	R13		

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/955,174
Filing Date	September 19, 2001
First Named Inventor	William G. Kerr
Art Unit	1635
Examiner Name	Jane J. Zara
Attorney Docket Number	USF-T150CX

Sheet

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of

2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	U1	US-6,703,215	03-09-2004	Emeux et al.	All
	U2	US-2004/0072298	04-15-2004	Sauvageau et al.	All
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

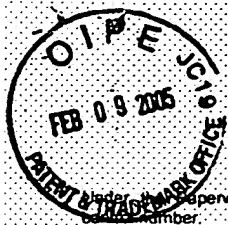
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Application Number	09/955,174
Filing Date	September 19, 2001
First Named Inventor	William G. Kerr
Group Art Unit	1635
Examiner Name	Jane J. Zara
Attorney Docket Number	USF-T150CX

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
JZ	R1	AGRAWAL, S. "Antisense oligonucleotides: towards clinical trials" <i>TIBTECH</i> , 1996, 14:376-387.	
	R2	BRAASCH, D.A. and COREY, D.R. "Novel antisense and peptide nucleic acid strategies for controlling gene expression" <i>Biochemistry</i> , 2002, 41(14):4503-4510.	
	R3	GEWIRTZ, A.M. <i>et al.</i> "Facilitating oligonucleotide delivery: Helping antisense deliver on its promise" <i>Proc. Natl. Acad. Sci. USA</i> , 1996, 93:3161-3163.	
	R4	HELGASON, C.D. <i>et al.</i> "Homeostasis and regeneration of the hematopoietic stem cell pool are altered in SHIP-deficient mice" <i>Blood</i> , 2003, 102:3541-3547.	
	R5	JEN, K-Y and GEWIRTZ, A.M. "Suppression of gene expression by targeted disruption of messenger RNA: Available options and current strategies" <i>Stem Cells</i> , 2000, 18:307-319.	
	R6	LIU, L. <i>et al.</i> "The Src homology 2 (SH2) domain of SH2-containing inositol phosphatase (SHIP) is essential for tyrosine phosphorylation of SHIP, its association with Shc, and its induction of apoptosis" <i>J. Biol. Chem.</i> , 1997, 272:8983-8988.	
	R7	MOODY, J.L. <i>et al.</i> "Anemia, thrombocytopenia, leukocytosis, extramedullary hematopoiesis, and impaired progenitor function in Pten ⁺ SHIP ⁺ mice: a novel model of myelodysplasia" <i>Blood</i> , 2004, 103:4503-4510.	
	R8	OKADA, H. <i>et al.</i> "Cutting edge: Role of the inositol phosphatase SHIP in B cell receptor-induced Ca ²⁺ oscillatory response" <i>J. Immunol.</i> , 1998, 161:5192-5192.	
	R9		
	R10		
	R11		
	R12		
	R13		

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First Named Inventor	William G. Kerr
Group Art Unit	1635
Examiner Name	Jane J. Zara
Attorney Docket Number	USF-T150CX

Sheet 1 of 1

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JZ	R1	CANTLEY, L.C. et al. "Oncogenes and signal transduction" Cell, 1991, 64:281-302.	
	R2		
	R3		
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

Examiner Signature		Date Considered	12/8/05
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